



KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2015/2016 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER MAIN
EXAMINATIONS FOR THE DEGREE OF BACHELOR OF
SCIENCE IN BIORESOURCE MANAGEMENT AND CONSERVATION**

COURSE CODE: SBC 221

COURSE TITLE: FIELD HERPETOLOGY

DATE: 12th May 2016 **TIME:** 9:00 – 11:00 a.m.

INSTRUCTIONS TO CANDIDATES

Answer Question One **compulsory (30mks)** and any other Two Questions **(20mks)** each.

TIME: 2 Hours

KIBABII observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

QUESTION ONE (30MKS)

- a) i) Define field herpetology (1mk)
ii) State two importances of herpetological studies (2mks)
- b) Outline the major structural adjustments that occurred in reptiles as the animals moved to land(4mks)
- c) State four characteristics of the members of the family Chameliontidae (4mks)
- d) State four precautions to be taken when handling reptiles(4mks)
- e) Name four species of crocodiles known(4mks)
- f) State four problems associated with captive breeding(4mks)
- g) i) Describe four characteristics of living amphibians(4mks)
ii) State three functions of venom in snakes(3mks)

QUESTION TWO

Discuss reptiles under the following headings(20mks)

- a)Respiration
- b)Reproduction

QUESTION THREE

Describe a step by step procedure of rearing crocodiles for conservation (20mks)

QUESTION FOUR

Discuss major threats to reptile and amphibian populations(20mks)

QUESTION FIVE

Describe the rise and fall of amphibians to their present state (20 Marks)